

WHAT IS CLAIMED IS:

1. A recording/reproducing device comprising:

recording means for recording data on an information recording medium;

5 readout means for collectively reading out said data recorded on said information recording medium in units of a predetermined amount of data while the recording by said recording means is in progress; and

transmission means for transmitting said data read
10 out by said readout means.

2. The recording/reproducing device according to claim 1, wherein:

said recording means substantially simultaneously
15 records first data at a high bit rate and second data at a lower bit rate than that of said first data, both data corresponding to a same material, on said information recording medium; and

said readout means collectively reads out said
20 second data recorded on said information recording medium in units of a predetermined amount of data while the recording by said recording means is in progress.

3. The recording/reproducing device according to claim 1,
25 wherein said recording means intermittently records said first data and said second data on a physically same track on said information recording medium.

4. The recording/reproducing device according to claim 1,
30 wherein:

said recording means records said data on said

information recording medium by a constant linear velocity method; and

said readout means reads out said data recorded on said information recording medium while keeping a linear
5 velocity of the recording by said recording means.

5. The recording/reproducing device according to claim 1, further comprising storage means for temporarily storing said data to be recorded.

10

6. The recording/reproducing device according to claim 5, wherein, in a case where data to be transmitted is stored by said storage means, said readout means interrupts the readout of said data while said transmission means
15 transmits said data stored by said storage means.

7. The recording/reproducing device according to claim 1, further comprising verification means for verifying the recording on said information recording medium based on
20 said data stored by said storage means.

8. The recording/reproducing device according to claim 7, wherein said transmission means diverts and transmits said data stored by said storage means for verifying said
25 recording on said information recording medium.

9. The recording/reproducing device according to claim 7, wherein said verification means skips verification of said recording on said information recording medium if
30 excessive time cannot be ensured by the readout with said readout means.

10. The recording/reproducing device according to claim 1,
further comprising setting means for setting at least one
of an exhaustion limit value parameter and a frequency
5 limit value parameter of collective readout for said
readout of said data by said readout means in accordance
with a communication speed.

11. The recording/reproducing device according to claim 1,
10 further comprising selection means for allowing a user to
arbitrarily select at least one of an exhaustion limit
value parameter and a frequency limit value parameter of
collective readout for said readout of said data by said
readout means.

15 12. The recording/reproducing device according to claim 1,
wherein said transmission means continues transmitting
said data regardless of such a change of status as a
start and an end of recording by said recording means.

20 13. A recording/reproducing method comprising:
a recording step of recording data on an information
recording medium;

a readout step of collectively reading out said data
25 recorded on the information recording medium in units of
a predetermined amount of data while the recording in
said recording step is in progress; and

a transmission step of transmitting said data read
out in said readout step.

30 14. A recording medium on which a program readable by a

computer is recorded, said program comprising:

a recording step of recording data on an information recording medium;

5 a readout step of collectively reading out said data recorded on said information recording medium in units of a predetermined amount of data while the recording in said recording step is in progress; and

a transmission step of transmitting said data read out in said readout step.

10

15. A program for making a computer execute a process comprising:

a recording step of recording data on an information recording medium;

15 a readout step of collectively reading out said data recorded on said information recording medium in units of a predetermined amount of data while the recording in said recording step is in progress; and

20 a transmission step of transmitting said data read out in said readout step.